

Title (en)

Magnetic head position control system

Title (de)

Vorrichtung zur Regelung der Position eines Magnetkopfes

Title (fr)

Système de contrôle de la position d'une tête magnétique

Publication

EP 0635827 B1 19970723 (EN)

Application

EP 94202599 A 19900817

Priority

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Abstract (en)

[origin: EP0414456A2] A magnetic head position control apparatus for driving the magnetic head (2) of a disc recording apparatus toward or away from the recording surface of a magneto-optical disc (5) to effect position control of the magnetic head. Changes in the distance between the magnetic head and the magneto-optical disc are detected from changes in capacitance between a capacitance detection electrode (6) mounted on the magnetic head and a surface of the magneto-optical disc. An oscillator circuit (8) connected to the capacitance detection electrode varies its oscillation frequency in response to changes in capacitance and detects such frequency variations and controls the position of the magnetic head for maintaining it at a constant predetermined distance from the magneto-optical disc.

IPC 1-7

G11B 11/10; G11B 21/21

IPC 8 full level

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DOCDB simple family (publication)

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